

CLAIMS

1. An article comprising a base material and at least one hard coat layer, the at least one hard coat layer comprising an outermost layer of the article,

wherein the outermost layer comprises a cured film formed by coating and curing a curing composition comprising an actinic energy-curing resin, wherein the actinic energy-curing resin comprises a silicone resin having a silicon content of from 23 to 32 weight%; and a coating amount of the silicone resin is from 0.4 to 45 mg/m².

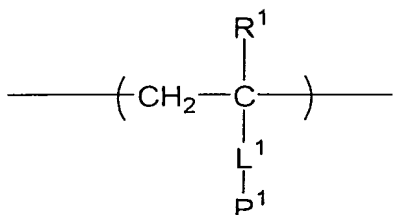
2. The article as claimed in claim 1, wherein the actinic energy-curing resin further comprises a first curing resin having a first molecule, the first molecule having three or more ethylenicallyally unsaturated groups.

3. The article as claimed in claim 1, wherein the actinic energy-curing resin further comprises: a first curing resin having a first molecule, the first molecule having three or more ethylenicallyally unsaturated groups; and a second curing resin having a second molecule, the second molecule having three or more ring-opening polymerizable groups in, and

the actinic energy-curing resin has a content of the second

resin of from 5 to 40 weight% to the total content of the first resin and the second resin.

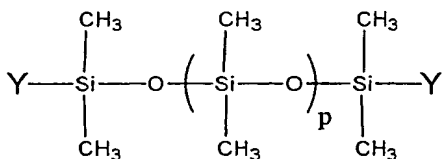
4. The article as claimed in claim 3, wherein the second curing resin is a crosslinkable polymer having a repeating unit represented by formula (1):



wherein R^1 represents a hydrogen atom or an alkyl group having from 1 to 4 carbon atoms; P^1 represents a monovalent group having a ring-opening polymerizable group; and L^1 represents a single bond or a divalent linking group.

5. The article as claimed in claim 3 or 4, wherein the three or more ring-opening polymerizable groups comprise a cationic polymerizable group.

6. The article as claimed in any one of claims 1 to 5, wherein the silicone resin is a polydimethylsiloxane represented by formula (a):



wherein Y represents a hydrogen atom, a methyl group, a hydroxyl group or a methoxy group; p represents an integer of from 10 to 1,500; and 10 to 25% methyl groups are substituted with a alkyl group having a (meth)acrylate group.

7. The article as claimed in any one of claims 1 to 6, wherein the curing composition comprises a particulate filler of from 5 to 35 weight parts to 100 weight parts in total of the actinic energy-curing resin.

8. The article as claimed in any one of claims 1 to 7, wherein the hard coat layer is a single layer.

9. A curing composition, which comprises an actinic energy-curing resin comprising a silicon resin of from, 0.001 to 0.2 weight% to the total amount of the actinic energy-curing resin, wherein the silicon resin has a silicon content of from 23 to 32 weight%.

10. An article comprising a base material and at least one hard coat layer, the at least one hard coat layer comprising an outermost layer of the article,

wherein the outermost layer comprises a cured film formed by coating and curing a curing composition as claimed in claim 9 on the base material.

11. The article as claimed in any one of claims 1 to 8 and 10, wherein the base material is a film having a thickness of from 20 to 300 μm .

12. An information recording media capable of reproducing an information signal by an optical means, which comprises: a substrate; a recording layer capable of recording the information signal; and a light-transmitting layer capable of transmitting a light in this order,

wherein the light-transmitting layer is an article as claimed in any one of claims 1 to 8, 10 and 11.

13. The information recording media as claimed in claim 12, wherein the base material is a polycarbonate film having a thickness of from 20 to 300 μm , and the light-transmitting layer has a thickness of from 50 to 300 μm .